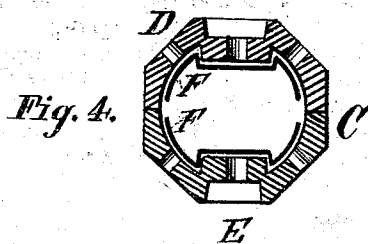
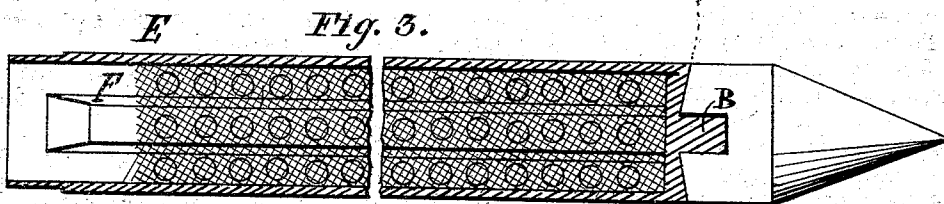
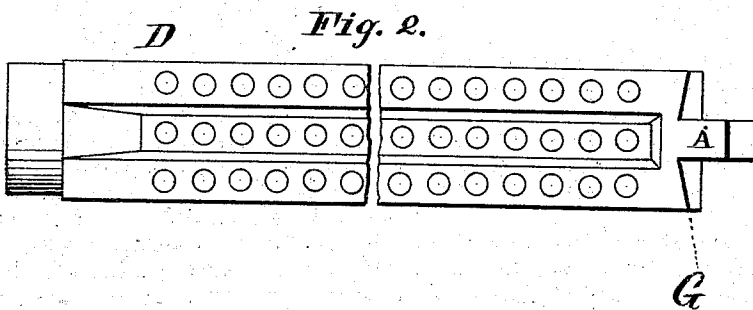
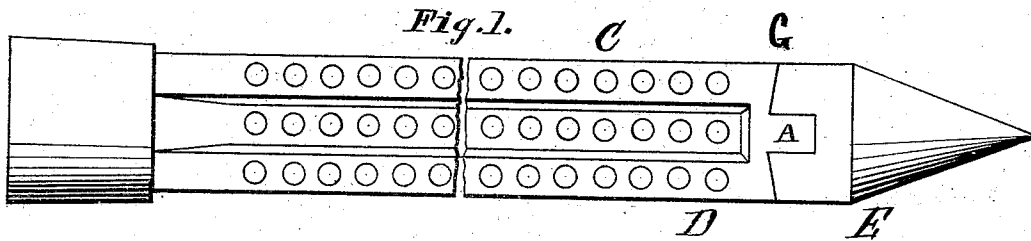


F. HERINGTON.
Well-Tube Points.

No. 154,138.

Patented Aug. 18, 1874.



Witnesses,

Inventor,

Geo A. Stevens
G. Mearns

Franklin H. Herington

UNITED STATES PATENT OFFICE.

FRANKLIN HERINGTON, OF TOPEKA, KANSAS.

IMPROVEMENT IN WELL-TUBE POINTS.

Specification forming part of Letters Patent No. **154,138**, dated August 18, 1874; application filed September 29, 1873.

To all whom it may concern:

Be it known that I, FRANKLIN HERINGTON, of Topeka, in the county of Shawnee and State of Kansas, have invented a new and useful Improvement in Well-Points; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a side elevation of the well-point. Fig. 2 is a detached view of the shorter side of the same. Fig. 3 is a view of the point with the shorter side removed, and Fig. 4 is a transverse sectional plan view of the point.

This invention relates to an improvement in well-points; and consists of a hollow perforated point divided at its longitudinal center, by a line running nearly through its entire length, into two unequal parts, lined with brass-wire cloth and united near the lower end of the point by a traverse-joint provided with a tongue and groove, and held together at the top by a reducing-coupling, as will hereinafter more fully appear.

In the accompanying drawing, the well-point C is constructed in two unequal parts, D and E, each of which is perforated and lined with brass-wire cloth F, which is securely soldered thereto. The parts D and E are united near

the lower end of the point C by a traverse-joint, G, having the tongue A and groove B, and are held together at the top of the point by a reducing-coupling, H, Fig. 1. The perforations admit the water to the point, and the wire-cloth F prevents the admission of sand, &c., thereto. The employment of the traverse-joint G A B gives the point C as great strength and durability as if the point were a solid perforated casting, while its construction into two parts readily admits access for repairing the screening F. The point C when thus constructed is in effect a solid point with an internal screen capable of being repaired without difficulty.

Having thus described my invention, what I claim as new and useful, and desire to secure by Letters Patent, is—

The well-point C, composed of the unequal parts D and E, lined with wire cloth F and connected near the lower end of the point C by the traverse-joint G A B, and adapted to be held together at the upper end thereof by the reducing-coupling H, as and for the purpose hereinbefore set forth.

FRANKLIN HERINGTON.

Witnesses:

GEO. A. STEEVENS,
G. W. CAREY.